

ABSTRACT

The invention relates to the structure and the shape of a kind of new universal
5 wheel, which comprises of drum-shaped rollers, bat-shaped brackets, mandrels, side
panels, bearings, a central shaft and a wheel carrier. It characterizes in that the
drum-shaped rollers and the mandrels from a rim by fixed in the bat-shaped brackets,
and the bat-shaped brackets are connected to the side panels, the bearings, the
central shaft and the wheel carrier are fixed on the center of the side panel. Since the
10 big and small drum-shaped rollers form a double freedom structure, the wheel can
move in any direction without turning so that it can save the turning space. Moreover
this kind of universal wheel has good sealing performance, the sand will not enter the
inner chamber.

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